

01/02/02  
U.S. PTO  
JCS962

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Abdo Esmail Abdo

Atty. Docket: IBM / 196  
Client Ref.: ROC920010102US1

Title: ESTIMATION OF JOIN FANOUT USING AUGMENTED HISTOGRAM

JCS979 U.S. PTO  
10/039369  
01/02/02

### CERTIFICATE OF MAILING BY EXPRESS MAIL - 37 CFR 1.10

'Express Mail' mailing label number: EV048699286US  
Date of Deposit: January 2, 2002

I certify that this paper or fee (along with the enclosures noted herein) is being deposited with the United States Postal Service 'Express Mail Post Office to Addressee' service under 37 CFR 1.10 on the above date and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Ryan Cummins*  
By: Ryan Cummins (person mailing paper)

### UTILITY PATENT APPLICATION TRANSMITTAL

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

This is a request for filing, under 37 CFR § 1.53(b), a(n):

- Original (non-provisional) application.
- Divisional of prior application Serial No. \_\_\_, filed on \_\_\_.
- Continuation of prior application Serial No. \_\_\_, filed on \_\_\_.
- Continuation-in-part of prior application Serial No. \_\_\_, filed on \_\_\_.

### PRELIMINARY AMENDMENT/CALCULATION OF FEES

- Please cancel claims \_\_ without prejudice, and prior to calculating the fees. \_\_ total claim(s), of which \_\_ is(are) independent, is(are) pending after the amendment.
- Please enter the enclosed preliminary amendment identified below prior to calculating the fees. \_\_ total claim(s), of which \_\_ is(are) independent, is(are) pending after the amendment.
- Small Entity Status is Requested

The Fees are Calculated as Follows:

Fee:	Number of Claims:	In Excess of:	Extra:	At Rate:	Amount:
Total Claims	17	20	0	\$18	\$0.00
Independent Claims	3	3	0	\$84	\$0.00
MULTIPLE DEPENDENT CLAIM FEE					
BASIC FEE					\$740.00
TOTAL OF ABOVE CALCULATIONS					\$740.00
REDUCTION BY 50% FOR FILING BY SMALL ENTITY					
TOTAL					\$740.00

**ENCLOSURES**

- Utility Patent Application Transmittal Form (in duplicate) containing Certificate of Mailing By Express Mail Under 37 CFR 1.10.
- Return Postcard.

APPLICATION PAPERS

- Utility Patent Application, with: cover sheet, 30 page(s) specification (including 17 total claim(s), of which 3 is(are) independent), and 1 page(s) abstract.
- Drawings: 6 sheet(s) of formal drawings (6 total figure(s)).
- Microfiche Computer Program (Appendix).
- Nucleotide and/or Amino Acid Sequence, including (all are necessary): Computer Readable Copy, Paper Copy (identical to computer copy), and Statement verifying identity of copies.
- An Executed Declaration, Power of Attorney and Petition Form.
- Copy of Executed Declaration, Power of Attorney and Petition Form from prior application identified above.
- Certified Copy of priority document(s) identified as attached above.

ADDITIONAL PAPERS

- Assignment to INTERNATIONAL BUSINESS MACHINES CORPORATION, Recordation Cover Sheet (Form PTO-1595)
  - Preliminary Amendment (to be entered prior to calculation of fees)
  - Information Disclosure Statement,    sheet(s) Form PTO-1449,    U.S. Patent Reference(s),    Foreign Patent Reference(s) and    Other Reference(s)
  - Other:

CHECKS

- A Check of \$740.00 for the filing fee.
- A Check of \$40.00 for the assignment recording fee.

**DEPOSIT ACCOUNT AUTHORIZATION**

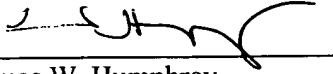
Please charge Deposit Account No. 23-3000 in the amount of \_\_\_\_.

**The Commissioner is authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 23-3000. A duplicate of this transmittal is attached.**

THE PAYMENT OF FEES IS BEING DEFERRED.

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Respectfully Submitted,



Thomas W. Humphrey  
Reg. No. 34,353

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TWH/lgk